CERTIFICATION CHECKLIST DEVICE-SIDE

Line No	Test Description	Measured	Min	Max	Pass	Fail
1	Company is a member of the *Open Dots*® Alliance					
2	Radius at tip of contact		0.75mm	2.5mm		
3	Center-to-Center Contact Distance (from central contact)		9.63mm	9.93mm		
4	Center-to-Center Contact Distance (between outer pair A)		16.8mm	17.1mm		
5	Center-to-Center Contact Distance (between outer pair B)		16.8mm	17.1mm		
6	Center-to-Center Contact Distance (between outer pair C)		16.8mm	17.1mm		
7	Bottom Surface Flatness			0.1mm		
8	Contact Plating Material = Nickel, Gold, or Silver (Ni, Au, or Ag)					
9	Contact Plating Thickness		2.5nm	7.6nm		
10	Spring plating (if used) = Nickel, Gold, or Silver (Ni, Au, or Ag)					
11	PCB Plating to contact structure = Direct Solder or ENIG					
12	Force due to holding magnets (if used)		400gf			
13	Contact Force		22gf			
15	Device operates normally at a pad voltage of 10.4V					
16	Device operates normally at a pad voltage of 20V					
17	Device input current does not exceed 100mA during the first 100ms					
18	Startup Resistance		9.5kOhm	10.5kOhm		
19	Restart Time Constant		300ms	3s		
20	Rectifier Capacitance		1.5uF/W	10uF/W		
21	Rectifier Capacitor Droop over 10us			0.5V		
22	Input Capacitance (between any two contacts)			30pF		
23	Rectifier Diode Reverse Leakage at pad voltage of 20V			20uA		

Line No	Test Description	Measured	Min	Max	Pass	Fail
24	Device Operates Normally at 5C ambient temperature					
25	Device Operates Normally at 45C ambient temperature					
26	Device Operates Normally after storage at -40C					
27	Device Operates Normally after storage at 60C					
28	Device operates normally at 20% RH					
29	Device operates normally at 80% RH					
30	Device operates normally after storage at 5% RH					
31	Device operates normally after storage at 95% RH					
32	Device Operates Normally after 50 ESD events on Contact A (15kV, 150 ohms, 100pF)					
33	Device Operates Normally after 50 ESD events on Contact B (15kV, 150 ohms, 100pF)					
34	Device Operates Normally after 50 ESD events on Contact C (15kV, 150 ohms, 100pF)					
35	Device Operates Normally after 50 ESD events on Contact D (15kV, 150 ohms, 100pF)					
36	External magnetic flux does not erase credit cards					
37	Magnet diameter (if used) is 6.35mm nominal					
38	Magnet thickness (if used) is 1.6mm nominal					
39	Magnet separation to surface (if used) is 0.5mm nominal					
40	Device rests firmly on surface and does not easily tip					
41	South pole of any magnets interface with resting surface					